

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

In the Matter of:

Boyertown Sanitary Disposal Co., Inc.

and

Mr. Warren K. Frame

: Municipal and Hazardous Waste Landfill
Violations
: Boyertown Sanitary Landfill
: Permit No. 100550
: EPA ID Number PAD048603005
: Douglass Township
: Montgomery County

ORDER

NOW, This 25th day of March, 1997, the Commonwealth of Pennsylvania, Department of Environmental Protection (hereinafter the "Department"), has determined that:

A. The Department is the agency with the duty and authority to administer and enforce the Solid Waste Management Act, Act of July 7, 1980, P.L. 380, as amended 35 P.S. § 6018.101 et seq. ("SWMA"); the Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. § 691.1 et seq. ("CSL"); Section 1917-A of the Administrative Code of 1929, Act of April 9, 1929, P.L. 177, as amended, 71 P.S. § 510-17 ("Administrative Code") and the rules and regulations promulgated thereunder.

B. Boyertown is a corporation qualified to do business in Pennsylvania and maintains a business address of RD 1, Box 360, Glenmoore, PA 19343.

C. Boyertown owns and operates Boyertown Sanitary Landfill ("Boyertown Landfill" or "the landfill"), a closed municipal waste and hazardous waste disposal facility located at 300 Merkel Road, Gilbertsville, Douglass Township, Montgomery County, Pennsylvania.

D. Mr. Warren K. Frame ("Frame") is an individual who is CEO of Boyertown Landfill and has been in charge of the day to day operation of the landfill from at least August of 1984 to the present.

E. The leachate generated by the landfill constitutes hazardous waste under the SWMA, and an 'industrial waste' and/or a "polluting substance" under the CSL.

F. The landfill is identified by US EPA identification number PAD048603005.

G. Inspections conducted by the Department on March 8 and 17, 1995 revealed that Boyertown and/or Frame failed to maintain two feet of freeboard in the raw leachate surface impoundment as a means to prevent any overtopping of the dike by overfilling, wave action or a storm. Boyertown and/or Frame also failed to maintain and monitor the leachate collection, removal, and treatment system to prevent excess accumulation of leachate in the system. This is a violation of 25 PA. Code §§265.222 and 265.310(c)(3).

H. On March 22, 1995 the Department issued a Compliance Order to Boyertown and Frame concerning the unpermitted discharge of hazardous waste leachate from the raw leachate surface impoundment. The Order required Boyertown and/or Frame to achieve and maintain a minimum freeboard of two feet in the raw, untreated hazardous waste leachate surface impoundment. A copy of the Compliance Order is attached hereto as Appendix A.

I. The Department's Compliance Order was not appealed. The findings of fact and conclusions of law in the Compliance Order are incorporated as if fully set forth herein.

J. Inspections conducted by the Department on April 3, 13, 25, May 2 and 4, 1995 revealed that Boyertown had failed to achieve and maintain a minimum freeboard of two (2) feet in the raw, untreated hazardous waste leachate surface impoundment. This is a violation of the Corrective Action Required or Activity to be Ceased paragraphs in the March 22, 1995 Compliance Order and 35 P.S. § 6018.603.

K. Boyertown and/or Frame have failed to conduct quarterly groundwater monitoring at the landfill for the four quarters of 1993, the four quarters of 1994, the four quarters of 1995, and the first three quarters of 1996. This is a violation of 25 PA. Code §§ 265.92(e)(2) and 265.310 (c)(2), of the Hazardous Waste Regulations; and/or 25 PA Code §§ 273.284 and 273.201(c), of the Municipal Waste Regulations; and condition number 2 of Boyertown's Solid Waste Management Permit No. 100550.

L. Department inspections conducted at the landfill on October 20 and 23, 1995, and on February 14, May 2, and September 13, of 1996, revealed that Boyertown is recirculating leachate back into the landfill through a hole excavated into the cap of the landfill. This is a violation of 25 PA. Code §§ 264.305(13), 265.310 (c)(1), of the Hazardous Waste Regulations and 25 PA Code §§ 273.218(b), and 273.272(a) of the Municipal Waste Regulations.

M. The Department's inspections of October 20 and 23, 1995 also revealed that Boyertown and/or Frame spilled oil onto the soil beneath an oil-hauling tanker truck located at the landfill. The oil entered Minister Creek, a water of the Commonwealth. This constitutes an unpermitted discharge of industrial waste and/or other pollutants into a water of the Commonwealth, and is a violation of 25 PA. Code §101.3(a).

N. Department inspections conducted on February 14, May 2, and September 13, of 1996 have revealed that the oil-contaminated soil remains at the landfill. Boyertown and/or Frame's failure to remove the contaminated soil to an approved waste disposal facility constitutes unpermitted disposal of residual waste at the landfill, a violation of 25 PA. Code §287.101(a).

O. Boyertown and/or Frame have failed to maintain and monitor the leachate collection, removal, and treatment system to prevent excess accumulation of leachate in the system, a violation of 25 Pa. Code §265.310(c)(3). Department inspections conducted on April 3, 13, 25, May 2 and 4, 1995 and on October 20 and 23, 1995, revealed that some leachate from both the leachate collection system and the raw leachate impoundment is escaping the collection system and impoundment, and is discharging into the surrounding soils. This activity also constitutes an unpermitted disposal of hazardous waste pursuant to and in violation of 25 PA. Code §270.1(a).

P. The acts, omissions and conditions identified in Paragraphs G through P above constitute violations of Sections 401, 403, 603, and 610 of SWMA, 35 P.S. §§ 6018.401, 6018.403, 6018.603 and 6018.610, and Sections 307 (a) & (c) and 316 of the CSL.

Q. The violations described in Paragraphs G through P above constitute unlawful conduct under Section 610 of the SWMA, 35 P.S. § 6018.610, and Section 611 of the Clean Streams Law, a statutory public nuisance under Section 601 of the Solid Waste Management Act, 35 P.S. § 6018.601, and Section 307(c) of the CSL, and subject Boyertown and/or Frame to civil penalty liability under Section 605 of the Solid Waste Management Act, 35 P.S. § 6018.605.

R. Pursuant to Section 602 of the Solid Waste Management Act, and Section 316 and 610 of the Clean Streams Law, if the Department finds that the unpermitted discharge and disposal of solid waste is causing pollution of air, water, land, or other natural resources of the Commonwealth, or is creating a public nuisance, the Department may order the responsible party to conduct activities as required to prevent pollution and public nuisances.

NOW, THEREFORE, on this 25th day of March, 1997, pursuant to Section 602 of the Solid Waste Management Act, 35 P.S. § 6018.602, Sections 316 and 610 of the Clean Streams Law, 35 P.S. §§ 691.316 and 691.610, and Section 1917-A of the Administrative Code, it is hereby **ORDERED** that:

1. Boyertown and Frame shall immediately cease the recirculation of landfill leachate back into the landfill.
2. By April 21, 1997 Boyertown and Frame shall achieve and maintain two feet of freeboard in the raw leachate surface impoundment, as well as the two leachate basins. The leachate removed from the impoundment and basins must be properly treated and disposed in accordance with all applicable requirements.

3. By April 25, 1997, Boyertown and Frame shall resume groundwater monitoring for all Form 19 Municipal Waste Landfill Quarterly and Annual Water Quality Analyses (revised 7/95) parameters, and continue the groundwater monitoring on a quarterly basis. The first quarterly sampling event shall be extended to include all parameters specified on the Hazardous Waste Groundwater Monitoring Semi-annual Report (revised 9/95). A copy of the Form 19 is enclosed with this Order. Boyertown and/or Frame shall maintain monitoring wells in accordance with, but not limited to, 25 PA. Code §265.91(d)(1) and (2) relating to highly visible colors and numbers on the steel casings, and locks and caps on the wells to prevent vandalism.
4. By April 25, 1997, Boyertown and/or Frame shall submit a written plan for the repair of the landfill cap in the two areas which were damaged as a result of the construction of recirculation pits. The plan shall be implemented within 2 weeks of the Department's approval, or approval with modifications, and said repair shall be completed no later than June 13, 1997.
5. By April 25, 1997 Boyertown and Frame shall determine the cyanide levels of the treated leachate. If the analytical data from the sampling indicates that a reduction in the cyanide levels in the treated leachate is required to meet the Berks-Montgomery Municipal Authority ("BMMA") allowable discharge limit of .5 mg./L of cyanide, Boyertown and/or Frame shall submit a plan, including recommendations and a schedule for actions which Boyertown and/or Frame will take to reduce the cyanide levels to the BMMA allowable limit and contract with BMMA to resume receiving the treated leachate from Boyertown Landfill. The plan, if necessary, shall be implemented within 2 weeks of the Department's review and approval, or approval with modifications.
6. By April 25, 1997 Boyertown and Frame shall inspect the three leachate impoundments specified in paragraph 3 above, and the leachate collection system at MH/Pump Station #7 which is nearest to the leachate basins. The inspection shall evaluate the integrity of the impoundments and collection system.
7. By May 9, 1997 Boyertown and/or Frame shall submit to the Department a written report including, but not limited to, a description of the methods used for evaluating the impoundments and collection system, the results of the evaluation conducted pursuant to paragraph number 7 of this Order, as well as a schedule for the repair of the system. Upon Departmental review and written approval or approval with modifications of the report, Boyertown and Frame shall immediately implement the repairs and schedule as Departmentally approved or approved with modifications. In no event shall repairs be scheduled to be completed later than June 30, 1997.
8. *Civil Penalties.* Within thirty (30) days of the date of this Order, Boyertown and/or Frame shall pay a civil penalty of TWENTY THREE THOUSAND DOLLARS (\$23,000.00) for the violations set forth in Paragraphs G through O above, covering the dates specifically identified and no others. The payment shall be made by corporate check or the like made payable to the Solid Waste Abatement Fund and submitted to:

Regional Program Manager
Department of Environmental Protection
Waste Management Program
Lee Park, Suite 6010
555 North Lane
Conshohocken, PA 19428

This action of the Department may be appealable, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 PA C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17101-8457, (717) 787-3483. TDD users may contact the Board through the Pennsylvania Relay Service at 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in Braille or on audio tape from the Secretary to the Board at (717) 787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statute and decisional law.

FOR THE COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Ronald C. Furlan, P.E.
Regional Solid Waste Manager
Waste Management Program

Date

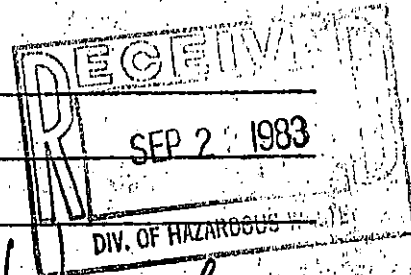
18392

RECORD OF COMMUNICATION		<input checked="" type="checkbox"/> PHONE CALL <input type="checkbox"/> DISCUSSION <input type="checkbox"/> FIELD TRIP <input type="checkbox"/> CONFERENCE <input type="checkbox"/> OTHER (SPECIFY)			
		(Record of item checked above)			
TO: Greg Foltomuk, 3AW22		FROM: Tim Sheehan, DER (Norristown)		DATE 10/5/83	
				TIME 12:30 PM	
SUBJECT Bayertown Sanitary Disposal Co.					
SUMMARY OF COMMUNICATION					
<p>The attached Consent Order is being revised. The Order may be be submitted to Bayertown SDC this week. Of primary concern & the major point of the Order will be:</p> <p>(1) request for a groundwater assessment plan regarding groundwater monitoring downgradient of the lagoon. The present wells on site are, apparently, not monitoring the problem.</p> <p>I will call Tim in a couple of weeks on the above; if the order was not submitted then EPA will.</p>					
CONCLUSIONS, ACTION TAKEN OR REQUIRED					
INFORMATION COPIES					
TO:					

0 18
18393

REPORT OF PAYMENTS DUE

Case/Defendent Bayertown Sanitary Disposal Co. Inc.
Municipality Douglass Twp. County Montgomery
Mailing Address 300 Merkel Rd.
Gilbertsville, PA 19525
TYPE OF ACTION: ☒ Fine or Payment Imposed by Court (Summary Citations (a))
☐ Agreement or Consent Order
DATE OF ACTION: Citations (2) filed by T. Sheehan 8/16/83. [Defendant pled Guilty.]
Court: Name & Justice Nancy Moore, Dist # 3B-3-02
Address 2020 Swamp Pike, Gilbertsville, PA. 19525
LAW VIOLATED: (#1) Sections 610(2)(4)(9) of Act 97; Chapter 75. 265 (V)(3)
(#2) Sections 610(2)(4)(9) of Act 97; Chapter 75. 26(L)
Amount of Fine or Payment (#1) : \$1000 ; (#2) : \$1000 (Total of \$2000)
Where fine is to be paid Solid Waste Abatement Fund
Payment Schedule Lump sum
Prepared by: (Victor J. Janosik) Victor J. Janosik 9-1-83
Name Solid Waste Regional Operations Supervisor
Title
Copy of Report Sent To:
Regional Business Office
Phila. Office of Litigation
Regional Case File
Office of Chief Counsel



----- FOR - BUSINESS - OFFICE - USE -----

Fine Transmitted to Comptroller: Date _____

TR # _____

18395

Rec'd 2/9/88
JL

(GEN) T - (1)

February 3, 1988

File with RCRA

FAD 048603005

United States Environmental Protection Agency
Central Regional Laboratory
839 Bestgate Road
Annapolis, Md. 21401

Attn: Mr. Leo Clark

BOYERTOWN SANITARY DISPOS

Re: Boyertown Leachate Treatment Facility Analysis

Dear Mr. Clark:

Pursuant to our telecon of February 3, 1988, we are writing this request for analytical data generated from samples taken at the Boyertown Leachate Treatment Facility. We understand these samples were taken in the summer of 1985 by R. Drew Lausch, who has since transferred to EPA Region III.

Our client, Michael P. Miller, vice president of Boyertown Landfill informed us that he had previously requested a copy of the analytical results. However, he did not put forth that request in writing. Mr. Miller has directed us to contact you and obtain the analytical results.

These results will assist Dr. Richard Talbot (Process Engineer) and the undersigned (Design Engineer) to evaluate the performance of each individual unit process.

We currently have over two years of analytical data on the raw leachate and final effluent which we would be happy to publish in the form of an EPA manual if deemed appropriate. Should you have any questions concerning this matter, please contact our office at 215-566-5599. Thank you.

Very truly yours,
Richard S. Talbot & Associates, Inc.

WCB

William C. Baldwin
Project Manager

cc: Michael Miller, Boyertown Disposal Company
Greg Koltonuk, EPA Region III ✓

18396

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III

841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: Boyertown Sanitary Disposal Authority -
Gilbertsville, Pa.
Groundwater Monitoring Inspection

DATE: 4/10/86

FROM: Greg Koltonuk, EPS
PA RCRA Enforcement Section (3HW11)

TO: George Houghton
Central Regional Laboratory (3ES22)

For your planned sampling inspection at BSDA during the week of 5/14/86 please provide analyses for the parameters listed below.

(1) pH, specific conductivity, alkalinity, chloride, sulfate, fluoride, ammonia nitrogen, nitrate, nitrite, total kjeldahl nitrogen, Total solids, Total dissolved solids.

(2) Total and Dissolved metals analysis for:

<u>Metal</u>	<u>Detection Limit (ppb)</u>
Aluminum	50
Cadmium	1
Chromium (total & hexavalent)	5
Iron	30
Manganese	5
Nickel	20
Lead	5
Zinc	10
Arsenic	5
Silver	5
Barium	100
Selenium	1
Mercury	0.2

(3) Organics (based upon 7/85 data from BSDA)

Total Phenol
*Methylene Chloride
Acetone
*1,1 - dichloroethylene

- *1,1 - dichloroethane
- *trans - 1,2 - dichloroethylene
- *Chloroform
- Methylethylketone (MEK)
- *Trichloroethylene (TCE)
- *Benzene
- Methylisobutylketone (MIBK)
- *Tetrachloroethylene
- *Toluene
- *Chlorobenzene
- *Ethyl benzene
- ortho and meta-xylenes

The Pennsylvania Department of Environmental Resources will be submitting to me a copy of the 7/85 BSDA document cited in #3 above. A copy will be forwarded to you.

Also, for the Organics listed in #3 above; our hydrogeologists recommend using Method 624 - Purgeable Scan, which should include all of the asterisked compounds.

Please call if you have any questions.

cc: Ken McGill (3HW11) ←
Thomas Buntin - Pa. Dept. of Environmental Resources
Norristown, Pa.
Daniel Donnelly (3ES21)


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

PA-244
18397

SUBJECT: A toxicological assessment of the Boyertown Sanitary
Landfill

DATE: DEC 3 1984

FROM: Dick Brunker, Toxicologist
Site Investigation and Support (3HW23) 

TO: Douglass Hill, SIO
Site Investigation and Support (3HW23)

Summary

It is evident from the monitoring well collections that the associated aquifer has been contaminated by the several carcinogens including trichloroethylene, arsenic, and beryllium. It also contains levels of chromium, nickel, mercury, and lead that are above the current recommended contaminant levels for drinking water, a hydrogeological survey is recommended to determine whether this contamination is a threat to local wells.

The more notable aspects of these data concern the indications of groundwater contamination in the vicinity of the site as revealed by the monitoring well results. One of these wells (MW#1) contained a concentration of trichloroethylene (100ug/l) that is calculated to cause 37 additional cancer cases in a population of one million individuals who might consume such water over a lifetime (70 years). All of the monitoring wells except MW#1 contain levels of arsenic that are calculated to cause hundreds and even thousands of additional cancers cases in such a population over a lifetime. The concentrations of beryllium in three monitoring wells (#4, #6, and #7) are also higher than the current criteria for recommended acceptable cancer risks. These wells also contain concentrations of mercury that exceed current primary maximum contaminant level (MCL) criteria for this element.

Some wells (MW #4, MW #6, and MW #11) also contain concentrations of chromium that exceed primary maximum contaminant levels (MCL) for community water systems. This MCL is 50 ug/l and the levels detected in these wells; 150, 230, and 110 ug/l respectively may cause adverse health effects if consumed over an extended interval of months or years. These wells and monitoring wells #5, #7, #8, and #11 also contain concentrations of lead that exceed similar criteria and the consumption of such waters could cause chronic health problems because of this contamination. Monitoring wells #4 and #6 also contain concentrations of nickel that are approximately twice the recommended maximum contaminant level for that element indicating that these waters may cause health problems if consumed over an extended interval of time.

The only substance of concern found in the home wells was 0.36 ug/l of mercury in Home Well #2. This level is about three times higher than the current MCL of 0.144 ug/l for this heavy metal and suggests a possible risk exists with the consumption of this water for an extended interval.

The sediment collection labeled "Creek Upstream" (C7976) was found to contain a vast array of polynuclear aromatic hydrocarbon (PAH) compounds. These substances are contaminants from coal burning, coal tar products, and related operations. The relative risk of these substances as toxins or carcinogens is considered to be proportional to the sum of their concentrations as a group. The concentration reported are likely to cause considerable perturbations to the ecology of this aquatic system. These PAH compounds have been determined to be contact (skin) and digestive tract carcinogens. The failure to detect these substances in "Downstream" sediments is curious.

The Holding Pond (C7971) contained numerous volatile organic compounds (VOC). Some of these compounds were detected in concentrations that are considered to be a cancer threat in drinking water. These include chlorobenzene, methylene chloride, trichloroethylene, and vinyl chloride.

The presence of these and other VOC compounds in this pond, some at very high levels, (e.g. toluene, acetone, and 2-butanone) suggests recent polluting activity since these substances volatilize fairly rapidly.

The Holding Pond collection (C7971) was cited as containing 0.36 ug/l of mercury. This exceeds the current recommended level of 0.20 ug/l which was established to protect the ecology of aquatic systems.

The Witness Systems collections (C7942) and its duplicate (C7972) appear to confirm the leaching of the carcinogens benzene, chlorobenzene, vinyl chloride, as well as other VOC compounds from the landfill.

The sediments of all of the creek collections (MC3812H, MC2918, and MC 2963) are contaminated with concentrations of chromium, beryllium, copper, nickel, and zinc. These elements are in sufficient concentrations to have a harmful impact on the biological forms in this sediment. The southeast seep (C3827) also contains concentrations of these elements and probably has a deleterious effect on the local aquatic ecology.

18398

9/18/84

File Review at Norristown State
offices 9 AM ~~at~~ Boyertown Landfill
Brunswick Formation ^{will} Longwood + Wood 1965.

flowing artesian well close?
Water Resource Bulletin W-33

FR & S talk to Joe Manduke

he has a lot of new information

The Landfill has been reopened
since labor day.

PMW 12 - new monitoring well

PPW 1 - new production well

Phase I Application 11/1/82 Module 2

Strike of units N 20° to 30° W

dip 18 - 24° NE

vertical joint patterns

dominant joint set N 45° - 50° W and

N 40° - 45° E minor joint set oriented

NS - EW

Fold axis strike N 60° W plunge 20° N-NW

Greenman PW 1955 Groundwater res. of Bucks Co

PA Geo Survey 4th Series Bull W-11

Hall, G M (1934) Groundwater of the
4th Series Bull, W-2

COWAMP (1975) GW RES OF THE Del/Riv
Basin

Longwell SM Wood CR (1983) GW RES OF
Brunswick Co. of Mont and
Berks Co PA US GEO SUR Bull W-22

Parker G & Hefc AC Neighton et al (1964)
Water Resources of the Del/
River Basin Geol Survey Pro Paper
381.

Well	pH	SC	TOC (ppm)	TOX	Date	pt.
#1	8.2	560	12	VOR-ND	4/13/82	1st
#1	7.82	450	25	9.9	8/11/82	2nd
#1	7.87	472	18.1	1.0	12/1/82	3rd
#1	7.41	528	11	21	4/6/83	4th
#1	7.2	750	3.7	—	7/25/83	DE
#1	7.85	608	—	TCE 169 ug/l	8/24/83	5th
#1	8.0	560	—	TCE 107 ug/l	12/1/83	6th
#2	7.9	390	11	Phenol 50 ppb	4/12/82	1st
#5	7.5	255	25	1.5	8/11/82	2nd
#5	7.9	300	6.6	21	12/1/82	3rd
#5	7.6	351	.6	—	4/6/83	4th
#5	7.6	425	—	—	8/24/83	5th
#5	8.0	378	—	—	12/1/83	6th
#4	7.04	466	—	—	8/24/83	5th
#	6.5	182	—	—	11/30/83	6th
#6	7.3	493	—	—	—	5th
#6	7.8	406	—	—	—	6th
#7	7.8	304	—	—	—	5th
#7	8.1	266	—	—	—	6th
#8	7.7	344	—	—	—	5th
#8	8.0	308	—	—	—	6th
#9	7.68	311	—	—	—	5th
#9	7.9	56	—	—	—	6th
#10	7.5	385	—	—	—	5th
#10	7.0	48	—	—	—	6th

<u>Well</u>	<u>PH</u>	<u>SC</u>	<u>TOC</u>	^{49/L} <u>TOX</u>	<u>Date</u>	<u>DT</u>
11	7.9	289	11.2			3rd
11	7.8	257	7.5			4th
11	7.4	358	-			5th
11	7.9	252	-			6th
12	8.04	257	-			5th
12	10.6	294				6th
1	7.35	490	34	355	3/8/04	9th
4	6.13	199	63	39		
5	7.58	336	80	7		
6	7.34	322	30	35		
7	7.26	238	17	19		
8	7.65	378	72	15		
9	7.28	182	22	<1		
10	6.77	174	37	59		
11	7.44	252	22	323		
12	7.68	252	16	24		

Organics

MW 1 well near maintenance building
is contaminated with organics

TCE 100 ppb
1-2 trans dichloroethene 27 ppb

Witness system has organics which would
indicate leachate leaking

Benzene	26 ppb
Chlorobenzene	6 ppb
Chloroethane	5 ppb
Ethylbenzene	35 ppb
Toluene	260 ppb
Vinyl Chloride	7 ppb
4-methyl pentanone	100 ppb
Xylene	43

which is the same materials found
in the holding Pond for treatment
system of leachate from landfill

None of the RCRA monitoring wells
#4, #5, #6, #7, #8, and #11 show
any organic contamination.

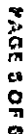
The stream samples are run conclusive
since the upgradient sample has
higher PAH levels than the downgradient
samples.

Home well have no organic contamination
South east seep has Anthracene, O-xylene

toluene, ethylbenzene, p/di-chloroethane
contaminant free:

[illegible]

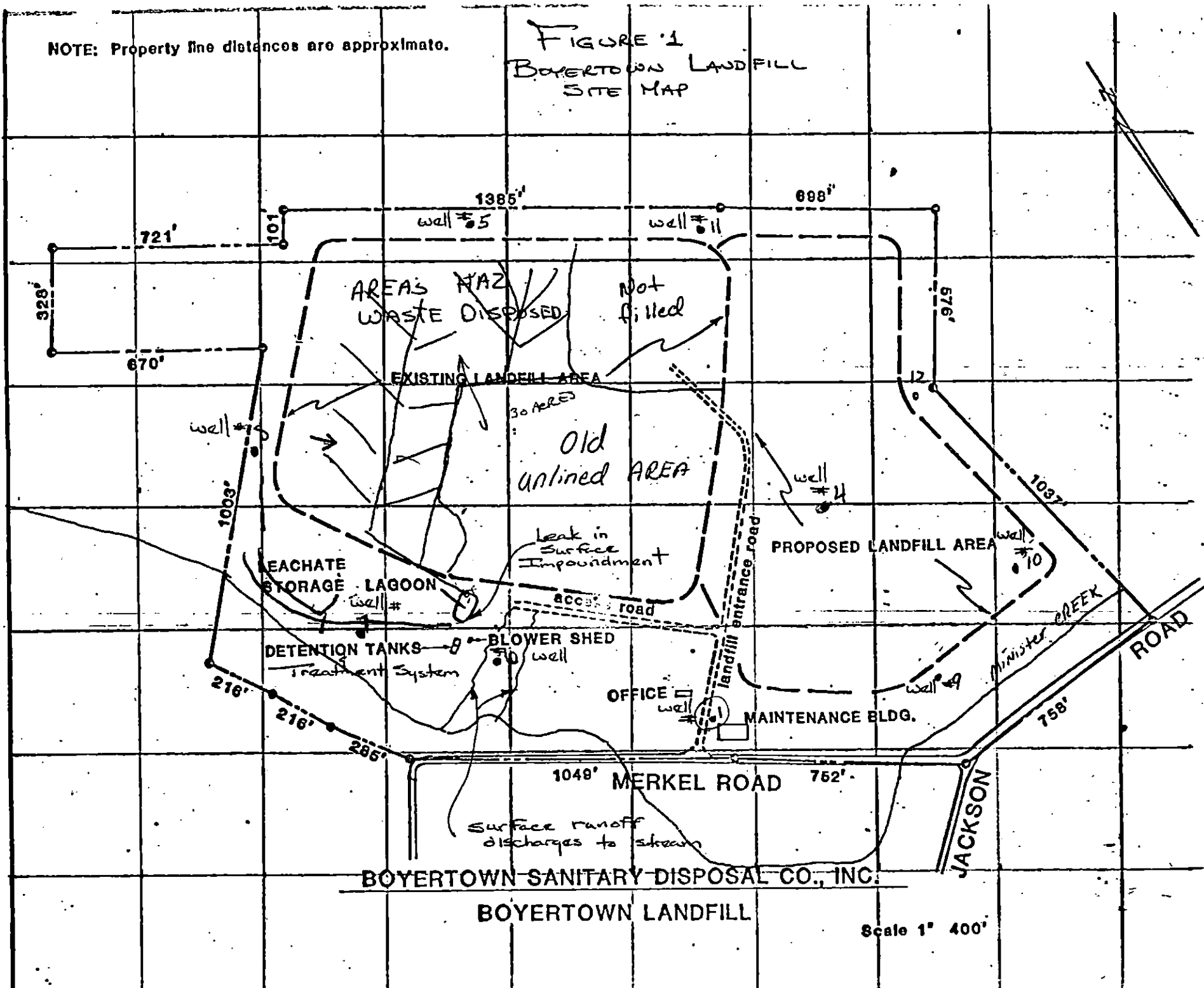
FIGURE 1
BOYERTOWN LANDFILL
SITE MAP



NOTE: Property line distances are approximate.

FIGURE 1 BOYERTOWN LANDFILL SITE MAP

PAGE 006



BOYERTOWN SANITARY DISPOSAL CO., INC.

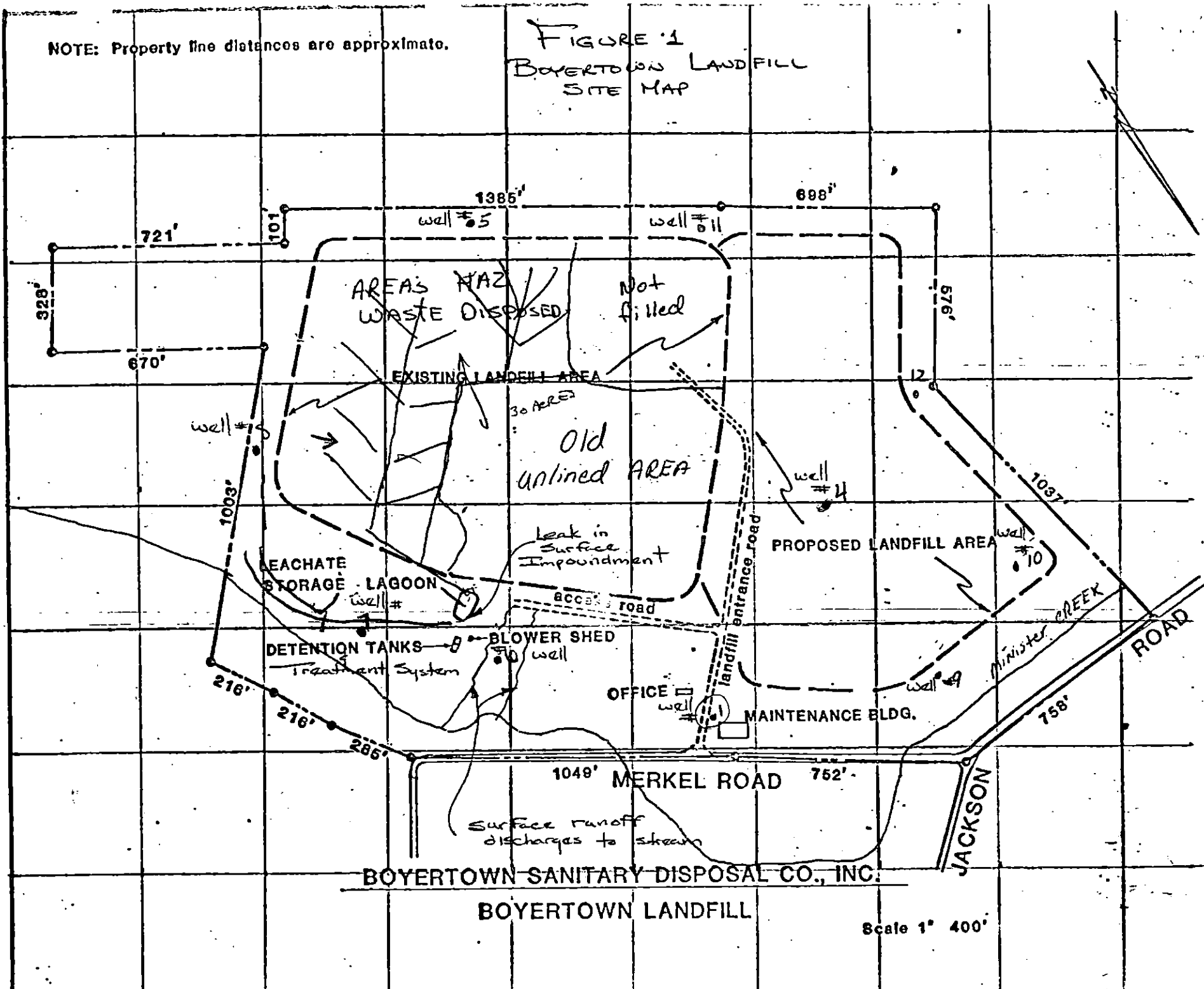
BOYERTOWN LANDFILL

Scale 1" 400'

NOTE: Property line distances are approximate.

FIGURE 1 BOYERTOWN LANDFILL SITE MAP

PAGE 6 OF 6



18399

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Boyetown Sanitary Disposal Co.*
PAD 0486 03005

DATE: *10/28/83*

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: *OK* Peter Schaul
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

18400

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - *Boyetown Sanitary Disposal Co.*
- PAD 048603005

DATE: *10/28/83*

FROM: Gregory Koltonuk *gk*
Environmental Scientist (3AW22)

TO: File

THRU: Peter Schaul *[Signature]*
Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE
VIOLATIONS.

*Note: DER to have issued
Order to facility during
the week of 10/24/83 for same
discrepancies.
Will we get a
copy?*